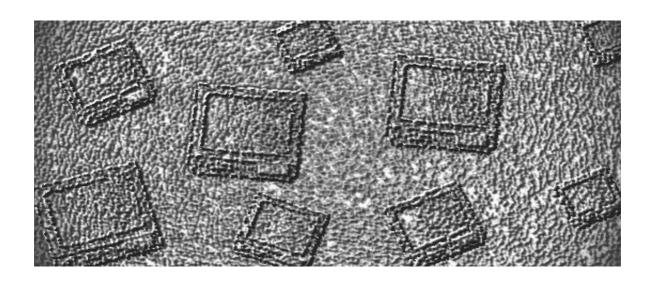


Colour Television

Instruction Manual



MODEL NO.: DSC-3270E

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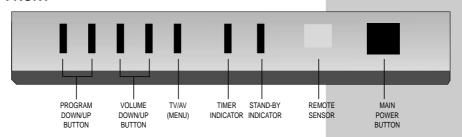


IDENTITY OF FEATURES ON LOCAL AND REMOTE CONTROL

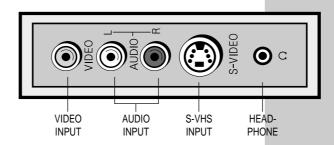
DSC-3270E TV SET



FRONT

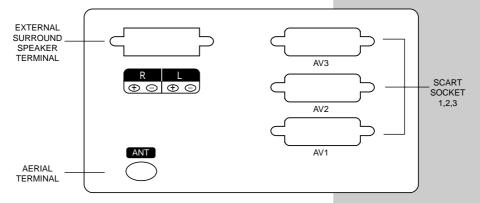


SIDE

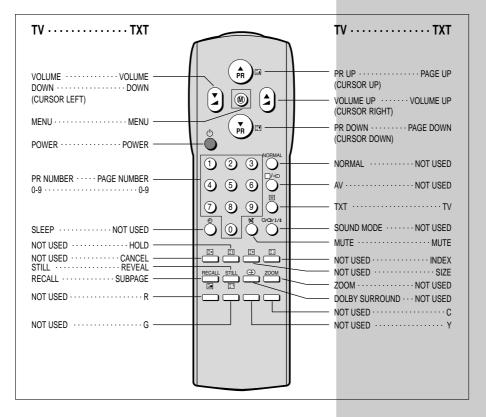


IDENTITY OF FEATURES ON LOCAL AND REMOTE CONTROL

REAR



REMOTE CONTROL



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IMPORTANT SAFEGUARDS	
	•••••
■ Ventilation: Do not cover the ventilation openings in the cabinet.	
Never place the set in a confined space such as a bookcase	e or built-in cabinet, unless
proper ventilation is provided.	
Leave at least 10 cm around each side of the TV set. Heat: Never place the set near heat sources(e.g. radiator).	
■ Water / Moisture : Never install the set in the the bathroom or in a wet ba	comont
The apparatus should not be exposed to dripping or sp	
Do not place any containers with liquid (e.g. flower vas	
■ Object Entry: Do not insert foreign objects, such as needles and coins, in	•
■ Lightning Striking: You should disconnect your set from the mains and thunderstorms.	
■ Cleaning: Unplug the set from the mains before cleaning.	

INSTALLATION

If the set is moved or placed in a different direction, the MAIN POWER button must be switched off for at least 15 minutes in order to take out a colour strain on the screen.

INSERTING BATTERIES INTO THE REMOTE CONTROL UNIT

Press down the battery compartment grip and slide the cover. Insert the batteries supplied (two 1.5V, type AAA).

Make sure that the polarity matches with the (+) and (-) marks inside of the battery compartment.

AERIAL CONNECTION

For better picture and sound quality, an effective aerial installation is the most important.

When using an outdoor aerial, it is usually connected to the set by means of 75 ohm coaxial cable.

MAINS CONNECTION

Plug the mains cable into the power socket with 220V - 240V / 50Hz AC.

Additional Information for the set sold in Great Britain

The appliance is supplied with a moulded three pin mains plug fitted with a 5 Amp fuse. Should the fuse require replacement, it must be replaced with a fuse rated at 5 Amp and approved by ASTA or BSI to BS1362.

The plug contains a removable fuse cover that must be refitted when the fuse is replaced. In the event of the fuse cover being lost or damaged, the plug must not be used until a replacement cover has been obtained. Replacement fuse covers can be purchased from your nearest electrical dealer and must be the same colour as the original.

If the moulded mains plug is unsuitable for the socket outlet in your home or is removed for any other reason, then the fuse should be removed and the cut off plug disposed of safely to prevent the hazard of electric shock.

There is a danger of electric shock if the cut off plug is inserted into any socket

If a replacement plug is to be fitted, please observe the wiring code shown below. The wires in the mains lead are coloured in accordance with the following code:

Blue - Neutral Brown - Live

As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black. The wire which is coloured brown must be connected

to the terminal which is marked with the letter L or coloured red.

Do not make any connection to the terminal in the plug which is marked by the letter E or by the safety earth symbol $\frac{1}{2}$ or coloured green or green and yellow.

SWITCHING THE SET ON AND OFF

Switching On

- Switch the set on with the MAIN POWER (ON/OFF) button. The INDICATOR will illuminate in Red.
 - That means the set is on stand-by mode.
- Press PR UP or DOWN button on the front of set or POWER button (o) or PR UP/DOWN button or one of the NUMBER button (0..9) on the remote controller.

The set will be switched on and then the INDICATOR will be changed in Green from Red.

Switching Off

- Press POWER button(७) on the remote controller to return the set to its stand-by mode.
- If you don't use the set for extended periods of time, turn it off with MAIN POWER (ON/OFF) button.

ON SCREEN DISPLAY MENU

The MENU button (0) on the remote controller is used to call up the Main menu and also to return to either the Main menu or a previous menu. You can call up the Main menu by pressing and holding down the TV/AV (\Box / \Box) button on the front of the set during 3 seconds

The PR UP / DOWN buttons on the remote controller or on the front of the set are used to move the selection bar up or down the menus, change data.

The Volume () UP button on the remote controller or on the front of the set are used to call up sub-menus, adjust levels.

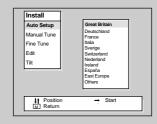
LANGUAGE SELECTION

- · Press the Menu button to call up the Main menu.
- · Move the selection bar to the Language with UP or DOWN button.
- Press the VOLUME UP button.
 Then the languages will be displayed.
- Press the UP/DOWN button to choose the language you want .
- · Press the MENU button to return to Main Menu .

AUTOMATIC TUNING THE TV CHANNELS

- Call up the Install menu from the Main menu.
- Place the selection bar on Auto setup and press the RIGHT button.
 Then the country names will be displayed.
- Place the selection bar on the country you require with UP/DOWN button.





- · Press the RIGHT button.
 - Auto setup will begin, your stations will be located and stored.
- · Please wait until the Edit menu appears.

If you don't want to edit programme now, escape from menu with the MENU button.

You can do it later.



PROGRAMME EDIT

The EDIT menu shows you information as follows:

- Programme position assignment : Programme number and Station name, Real channel number
- Picture information : PAL, SECAM, SECAM-F
- Sound informatin : B/G, L/L', I, D/K
- Skip information : YES, NO

NB: Terrestrial transmissions in GREAT BRITAIN are PAL I.

I.E. picture information is PAL. sound informatin : I.

DELETING THE PROGRAMME POSITIONS

 Position the selection bar to programme number to delete with the UP/DOWN buttons.

Note that you can move the selection bar $\,$ when the cursor is on the Pr (programme no.).

Press the DELETE (Yellow) button.

MOVING THE PROGRAMME POSITIONS

- Position the selection bar to programme number you want to move.
- Press the MOVE(Green) button. The colour of selection bar will be changed in Purple from Blue.
- · Position the new blue selection bar to new programme number.
- Press the MOVE(Green) button.

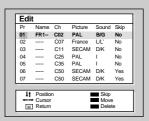
SKIPPING THE CHANNELS

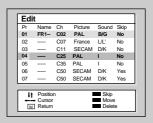
- Select SKIP "YES" or "NO" with the SKIP (Red) button. You can also use the UP/DOWN button after moving the cursor to Skip.
- The programme marked with SKIP "YES" is skipped when changing channel using the UP / DOWN button.

A skipped programme number can be selected using the NUMBER button 0..9, will be displayed in Cyan.

ENTER A STATION NAME

- Move the cursor to Name.
 - Then a letter from the Alphabet, Number and symbols will appear.
- You can enter a station name with the UP / DOWN and LEFT/RIGHT buttons.







MANUAL CHANNEL SETTING

- Press the NUMBER buttons (0..9) or the UP / DOWN button to select a programme number you want.
- Locate the selection bar on the Manual tune at the Install menu.
- Select the system with Picture(Cyan) button.
 Select the "SECAM-F" for a French stations and "PAL or SECAM" for the others.
- · Press the RIGHT or LEFT button.

A tuning screen will appear and a cursor will move from left to right / from right to left.

If you want to stop tuning, press the MENU button.

After searching a station, the tuning screen will disappear and then the channel will be memorized automatically.

SEARCHING A CHANNELS IN THE EDIT MENU

You can also search a channel at the Edit menu.

- · Position a selection bar to Pr number you want.
- Position the cursor to the Picture with LEFT / RIGHT button.
- Select the system (PAL or SECAM, SECAM-F) of channel you want to search with the UP / DOWN button.
- Position the cursor to C(or S) entry position with LEFT button. For special channels, select the "S" with UP / DOWN button.
 Position the cursor to channel number entry position with RIGHT button.
 Search a channel with UP/DOWN button.

FINE TUNING

If you are unable to get a good picture or sound because of a poor broadcasting signal, it is possible to adjust the fine tuning.

Move the selection bar to Fine tune and press the RIGHT / LEFT button to activate fine tuning up or down.

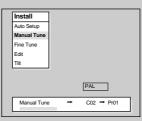
Note that it operates while the RIGHT / LEFT button is being pressed. The change is memorized automatically.

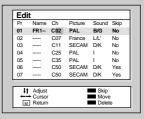
Adjust "Tilt" function

ADJUST "TILT" FUNCTION.

- · Press "PR" buttons to select "Tilt.
- Press the RIGHT or LEFT buttons to level a tilted picture.
- Note: The effect of the earth's magnetic field can vary with location. As a result, the picture may project on a slight tilt, or out of square alignment with the face of the picture tube.











DAILY USE

RECALL

The RECALL button is used to display the current status: programme number, station name, sound system, clock. This display appear for 2 seconds.

SELECTING A PROGRAMME NUMBER

The set has totally 100 programme numbers, 0..99.

The NUMBER buttons 0..9 are used for direct programme selection.

To select two-digit programme, press the second numbered button within two seconds.

You can also select a programme number by pressing step by step the $\ensuremath{\mathsf{UP/DOWN}}$ buttons.

PICTURE CONTROL

BRIGHTNESS, CONTRAST, COLOUR, SHARPNESS

- · Press the MENU button.
- Press the RIGHT button to call up the Picture menu.
- You can select each function with the UP / DOWN buttons.
- The levels of each function can be adjusted the LEFT / RIGHT buttons to suit your viewing conditions, the lightning conditions of the room and your preference.

For Hue control Tint is displayed only when receiving a NTSC signal from external jack.

The adjusted levels are stored automatically at Favourite mode.

Smart Picture Selection

When you press the NORMAL button repeatedly you can call up three $\;$ picture settings stored in memory :

 $\begin{array}{ll} \textbf{NORMAL } I \textbf{-> NORMAL } II \textbf{-> FAVOURITE ->} \\ \text{(hard picture)} & \text{(soft picture)} & \text{(user adjustable)} \end{array}$

SOUND CONTROL

VOLUME CONTROL

Adjust the volume with the VOLUME() DOWN / UP buttons on the front of the set, or with the LEFT/RIGHT button on the remote control.

MUTE

Pressing the MUTE(<) button to turns the sound off. The mute symbol will be displayed. The sound returns if the button is pressed once more.



SOUND CONTROL

- · Press the MENU button.
- Place the selection bar to the Sound with UP/DOWN button.
- Press the RIGHT button to call up Sound menu. Select the required function by moving the selection bar ith the UP / DOWN buttons.
- · Press the RIGHT button to call up the each sub-menus.

Equalizer:

There are four possible choice considering your preference:

"Favourite, Music, Speech, Flat".

In Favourite mode you can adjust a level at each frequency band with LEFT/RIGHT button .

Dolby Prologic:

There are four possible choice considering your preference:

"Normal, Wide, 3 Stereo, Dolby Noise"

Smart Sound Selection

When you press the sound effect button () repeatedly, you can call up easily one of the following: Dolby suround

Available only for Dolby surround Mode. "Favourite, Music, Speech, Flat, Normal, Wide, 3 Stereo, Off, Favourite ..."

Balance the loudness of the left and right speaker .

Center & Surround:

Adjust the Center speaker & Surround speaker Volume with the VOLUME ▲/▼ buttons.

Dolby Noise:

Test a each speaker's sound output.

"Lest --- Center --- Right --- Surround --- Left..."

SOUND MODE

There may be cases of stereo broadcasts where excessive noise will be heard due to weak incoming signal.

You may be able to eliminate this noise by selecting the MONO mode. Press the Sound Mode ($\nabla \nabla I = \mathbf{I}$) button to change to MONO from STERFO.

Then the "MONO" colour will be changed in Red.

Pressing this button again will change it back to stereo.

During a bilingual programme transmission, pressing the Sound Mode button will change the language to the second channel (DUAL II). Pressing again will change it back to the main channel (DUAL I).

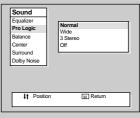
TIMER

SETTING THE CLOCK

- · Position the selection bar to the Timer in the Main Menu.
- Press the RIGHT button.
- Place the cursor to Hour / Minute with LEFT /RIGHT button.
- Set the hour / minute with the UP/DOWN buttons.
- Place the cursor to Clock with LEFT/RIGHT button and then press the Menu button to compelet.

Note that if you turn the TV off with MAIN POWER (ON/OFF) button, the clock setting is lost and must be reset if necessary.











Automatic clock setting and correction

Even though you turn the TV off with MAIN POWER (ON/OFF) button, if you select a programme of your country which has Teletext or PDC transmission, clock will be set and corrected automatically.

This function is only available for the countries as follows: Deutschland, Great Britain, France, Italy, Sweden, Switzerland, Netherlands, Ireland

SETTING THE WAKE UP TIME / PROGRAMME

- Confirm the Clock is set.
 - Wake up time is only available when Clock is set Select the Wake up to "YES".
- The Wake up time and Wake up prog. will be displayed.
- Set Wake up time and prog. in a same way to the above for Clock.
 The set will switch on to this time and programme number.

Note that the Wake up time will not operate in Childlock mode.

SI FFP

By pressing the SLEEP ($\ensuremath{\bigcirc}$) button repeatedly, you can select one of the following settings:

00:20 -> 00:40 -> 01:00 -> 01:20 -> 01:40 -> 02:00

The set will turn off after the time you select.

Automatic Switch-Off when No Broadcast Signal

If a broadcast signal is not present for about 30 minutes, the set will be automatically turned off.

In AV mode, however, this function does not operate.

CHILD LOCK

You can prevent the use of the TV set without the remote control. The set is child-locked after switching off the set by pressing the R, G, Y, C, the POWER button (\odot) in sequence on the remote control within 5 seconds. The child-lock function is indicated by flashing the INDICATOR on the front of set.

The set can only be switched back on using the remote control.

SCREEN FORMAT

Whenever the Zoom button is pressed, the screen will be changed as shown:

16:9 -> 4:3 -> zoom -> panorama -> 16:9...

STILL

The Still button allows you to freeze the picture at anytime.



SWITCHING TELETEXT ON/OFF

Press the TEXT button()

The index page or the page viewed last will appear.

Press the TEXT button again to return to the TV mode.

COLOUR BUTTONS IN TOP/FLOF TELETEXT

A red, green, yellow and blue field is shown at the bottom of the screen. If TOP or FLOF Teletext is transmitted by the station, pressing the corresponding colour button on the remote controller, you can select the desired page eas-

SELECTING PAGES

The NUMBER button 0.9 are used to enter a page number.
The selected page number appears at the top of the screen and the page appears after a short time.
The UP/DOWN buttons increase or decrease the current page number by 1.

You can switch directly to the programme preview(with TOP text) or the overview page of the station you are currently viewing by pressing the INDEX() but-

PAGE HOLD

Several sub pages can be combined under a page number and are scrolled at an interval determined by the television station.

an interval determined by the television station. The presence of sub pages is indicated by, for example, 3/6 beneath the time, which means that you are looking at the 3rd page of a total of 6 pages. If you want to look at a subpage for a longer period of time, press the HOLD () button. The "stop!" appears beside page number and the contents of the subpage shown are kept on the screen and no longer updated or switched to other subpages.

Pressing the HOLD button again, the current subpage appear.

CALLING UP SUBPAGE DIRECTLY Pressing the SUBPAGE(\blacksquare) button , " sub-code ---- " appears beside page

Enter the subpage number that you want to call up with the NUMBER button

O.9, for example, the 2nd page, sequence 0002.

The desired subpage will eventually be displayed on the screen and holds it there. Meanwhile whilst you are waiting, it is possible to go back to the TV picture by pressing the CANCEL button on the remote and after a while, press the CANCEL button again to revert back to the saved text sub page.

WATCHING TELEVISION DURING TELETEXT MODE

Some pages are continually updated, for example, stock market reports, sports announcements, and the latest news.

If you want to watch television and stay informed at the same time, press CANCEL () button.

The regular programme is still visible and the teletext page number appears at

the top of the screen

Pressing the CANCEL button, the teletext page appears with the updated information.

REVEAL ANSWER

This function can be used on certain pages to reveal the solution of riddles. Press the REVEAL button () to reveal a hidden answer and press again to hide it.

DOUBLING CHARACTER SIZE

Repeatedly pressing the SIZE button (<a>) doubles the character size in the following order:

Upper half of the page -> Lower half of the page -> Return to normal size

BRIGHTNESS AND CONTRAST CONTROL IN TELETEXT MODE

Pressing the MENU button repeatedly in teletext mode, the brightness and contrast control menu will be displayed in the bottom of the screen. You can adjust these using the LEFT/RIGHT button on the remote controller.

DOUBLE WINDOW IN TEXT MODE

You can simultaneously watch TV and Teletext screen by pressing the Zoom button in Teletext mode.

CONNECTING EXTERNAL EQUIPMENT

SCART JACK 1(AV1) & SCART JACK 2 (AV2) & SCART JACK 3(AV/S)

The SCART 1 is used to connect a VCR, a Satellite receiver, a Camcoder and a peri-TV decoder.

The SCART 2 is used to connect a VCR, a Satellite receiver, a Camcoder and a computer (RGB)

In most cases, the set changes automatically to AV1 or AV2 mode, when the VCR connected is in playback mode.

If not, press the TV/AV button(ਾਂ) on the remote controller or on the front of the set.

Whenever the AV button is pressed, the on-screen display will change as shown:

AV1 -> AV2 -> AV3 -> AV3/S -> AV4 -> TV

The "AV1" will be displayed on the screen with the current programme number

In AV mode, you can change the TV programme number with the UP/DOWN button or the NUMBER button 0..9.

The SCART 3 is used to connect a VCR, a satellite receiver, a s-video camcoder or a peri-TV decoder.

Select "AV3" mode by pressing the TV/AV button(□/•□).

When you use s-video camcoder, select "AV3/S" mode by pressing the TV/AV button($\square /\!\! \boxdot$).

SIDE AV JACK (AV4)

The AV JACK is used to connect a VCR, a camcoder, or S-Video camcoder.

Select "AV4" mode by pressing the TV/AV button(□/•□).

Press this button again to return to the TV mode.

 Vertical Synchronization by means of 100 Hz Scan.might be unstable in REW and CUE Function with only 2-Head VCR.

HEADPHONE JACK

Insert the headphone plug(3.5 mm σ) into the headphone socket. The sound from the speaker will be cut off.

You can control the heaphone sound with the LEFT / RIGHT button. You can hear the Dual I / Dual II sound from Headphone during the loud speaker are output the Dual II / Dual I sound respectively.

External Surround Speaker Jack

You can connect external speakers (impedance : 8 ohm, nominal output power : 12 watts min.) to this jack for improved sound quality. Make sure that the polarity matches with the (+) and (-) mark on the speaker.

TROUBLESHOOTING

SYMPTOMS	INSPECT	ACTION
Neither picture nor sound:	Is power code plugged in?	Press power button on front of TV. If the red power light is on, press the remote control power button. Red power light should turn green.
Picture is OK, but no sound:	Check if Volume Down is pressed. Check if the Volume control is set to the minimum position.	Adjust the volume with Volume Up button.
Sound is OK, but no colour:	 Check if the color control is set to the minimum position. Check if the program on air is in color, or in black and white. Check if the antenna installation and its connection is OK. 	 Check the antenna again. Check by turning on other channel programs. Reter to the color section again, and readjust the color.
Overlapped Picture Image:	Check if the antenna direction is correct. Check if the "Fine Tuning" function is set up correctly.	Direct the antenna toward the broadcasting station. Adjust the Fine Tuning function.
SYMPTOMS	INSPECT	HANDLING
Picture has "Snow":	Check if the antenna is damaged or its connection is all right. Check if there is interference from car traffic or neon signs.	Correct the antenna faults or replace the connection cable.
Stripes on picture:	Check if there is interference by other electronic devices, such as radio, telephone, etc.	Keep magnetic or electronic devices away from the set.
Bad stereo sound:	Long distance from the station or other radio waves could cause bad sound reception.	Shift the mode into Mono by using MTS button.
Operation disorder of	Check if the satteries are weak.	Get rid of objects blocking the

SPECIFICATIONS

PAL/SECAM-B/K, PAL-I/I', SECAM-L/L'		
NTSC-3.58/4.43MHz(play back)		
32"(30" Viewable) Real FLAT Tube		
AC 220 - 240V, 5OHz		
Stand-by mode : 2.0 Watts		
Normal operating mode : 180 Watts		
890X572.5X560 mm		
Dolby Pro-Logic		
Main L/R: 8 Watts, Center/SR/SL: 5 Watts		
100 programs		